



ASPHALT PAVEMENTS

GENERAL ASPHALT INFORMATION

- Asphalt Emulsion Aggregate Mix Descriptions (AEMA, n.d.)
- Asphalt Emulsion Surface Treatment Descriptions (AEMA, n.d.)
- A Basic Asphalt Emulsion Manual *and* Recommended Performance Guidelines (AEMA, 2001, rev. 2004)
- Effective Pavement Preservation by Identifying Distress Conditions, Causes and Cures (Ohio LTAP, 2002)
 - Asphalt (PowerPoint presentation, 24 MB)
- Materials and Procedures for Sealing and Filling Cracks in Asphalt-Surfaced Pavements: Manual of Practice (FHWA/SHRP, 1999)

SEAL COATS

- Chip Seal Application Checklist (No. 2, FHWA, 2002)
- Crack Seal Application Checklist (No. 1, FHWA, 2001)
- Fog Seal Application Checklist (No. 4, FHWA, 2002)
- Pocket Guide to Asphalt Pavement Preservation (FHWA, n.d.)
- Slurry Seal
 - Emulsified-Asphalt Slurry Seal (Quality Control) (ISSA, 1997)
 - High Performance Slurry Systems (ISSA, N.D.)
 - Recommended Performance Guidelines for Emulsified Asphalt Slurry Seal (A105, revised) (ISSA, 2001)
 - Slurry Seal Pavement Maintenance (ISSA, n.d.)

MICROSURFACING

- Microsurfacing Application Checklist (No. 5, FHWA, 2002)
- Micro-Surfacing (Quality Control): A Guide to Quality Construction (ISSA, n.d.)
- Micro-Surfacing Pavement Resurfacing (ISSA, n.d.)
- Recommended Performance Guidelines for Micro-Surfacing (A143, revised) (ISSA, 2001)

THIN HOT-MIX OVERLAYS

- Thin Hot-Mix Asphalt Overlay Checklist (No. 3, FHWA, 2002)

PAVEMENT RECYCLING

- Basic Asphalt Recycling Manual (ARRA, 2001)
- Cold In-Place Recycling Across North America (ARRA, 1998)
- Full Depth Reclamation (Better Roads supplement, 2001)
- Full Depth Reclamation: A Century of Advancement for the New Millennium (ARRA, n.d.)
- Pavement Recycling *Web site*: www.fhwa.dot.gov/pavement/recycle.htm
- Pavement Recycling Guidelines for State and Local Governments *Web site*: www.tfhrcc.gov/hnr20/recycle/pubs.htm
- Pavement Recycling with Asphalt Emulsions (AEMA, n.d.)
- Recycled Materials in the Highway Environment *Web site*: www.tfhrcc.gov/hnr20/recycle/pubs.htm
- Recycled Materials Resource Center *Web site*: www.rmrc.unh.edu/